

Title (en)

Vehicle position communication system, vehicle navigation apparatus and portable communications apparatus

Title (de)

Fahrzeugpositionskommunikationssystem, Fahrzeugnavigationsgerät und tragbares Kommunikationsgerät

Title (fr)

Système de communication de position de véhicule, appareil de navigation véhiculaire et appareil de communication portable

Publication

EP 1340961 A3 20110525 (EN)

Application

EP 03004217 A 20030225

Priority

JP 2002052213 A 20020227

Abstract (en)

[origin: EP1340961A2] A cellular phone places a call to vehicle navigation apparatus, performs ID matching, and acquires the information on the position of the vehicle measured by the vehicle navigation apparatus. The cellular phone acquires peripheral map data including the position of the owner of the vehicle and the position of the vehicle where the vehicle navigation apparatus is mounted from a position information center and displays the data acquired together with the data on the positions.

IPC 8 full level

G01C 21/00 (2006.01); **G01C 21/26** (2006.01); **G08G 1/0969** (2006.01); **H04M 1/00** (2006.01); **H04M 11/00** (2006.01); **H04M 11/08** (2006.01); **H04Q 7/34** (2006.01); **H04W 64/00** (2009.01); **H04W 88/02** (2009.01); **H04W 88/18** (2009.01)

CPC (source: EP US)

G01C 21/26 (2013.01 - EP US); **G01C 21/3688** (2013.01 - EP US)

Citation (search report)

- [X] US 5731785 A 19980324 - LEMELSON JEROME H [US], et al
- [Y] US 6154658 A 20001128 - CACI JOSEPH CLAUDE [US]
- [Y] US 5726885 A 19980310 - KLEIN KONRAD [DE], et al
- [Y] US 5334974 A 19940802 - SIMMS JAMES R [US], et al
- [Y] WO 0199369 A2 20011227 - KONINKL PHILIPS ELECTRONICS NV [NL]

Cited by

US11109218B2; WO2009098152A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

Designated extension state (EPC)

AL LT LV MK RO

DOCDB simple family (publication)

EP 1340961 A2 20030903; **EP 1340961 A3 20110525**; JP 2003259420 A 20030912; JP 3716801 B2 20051116; US 2003164778 A1 20030904; US 6992583 B2 20060131

DOCDB simple family (application)

EP 03004217 A 20030225; JP 2002052213 A 20020227; US 37382303 A 20030225